

Figure 1

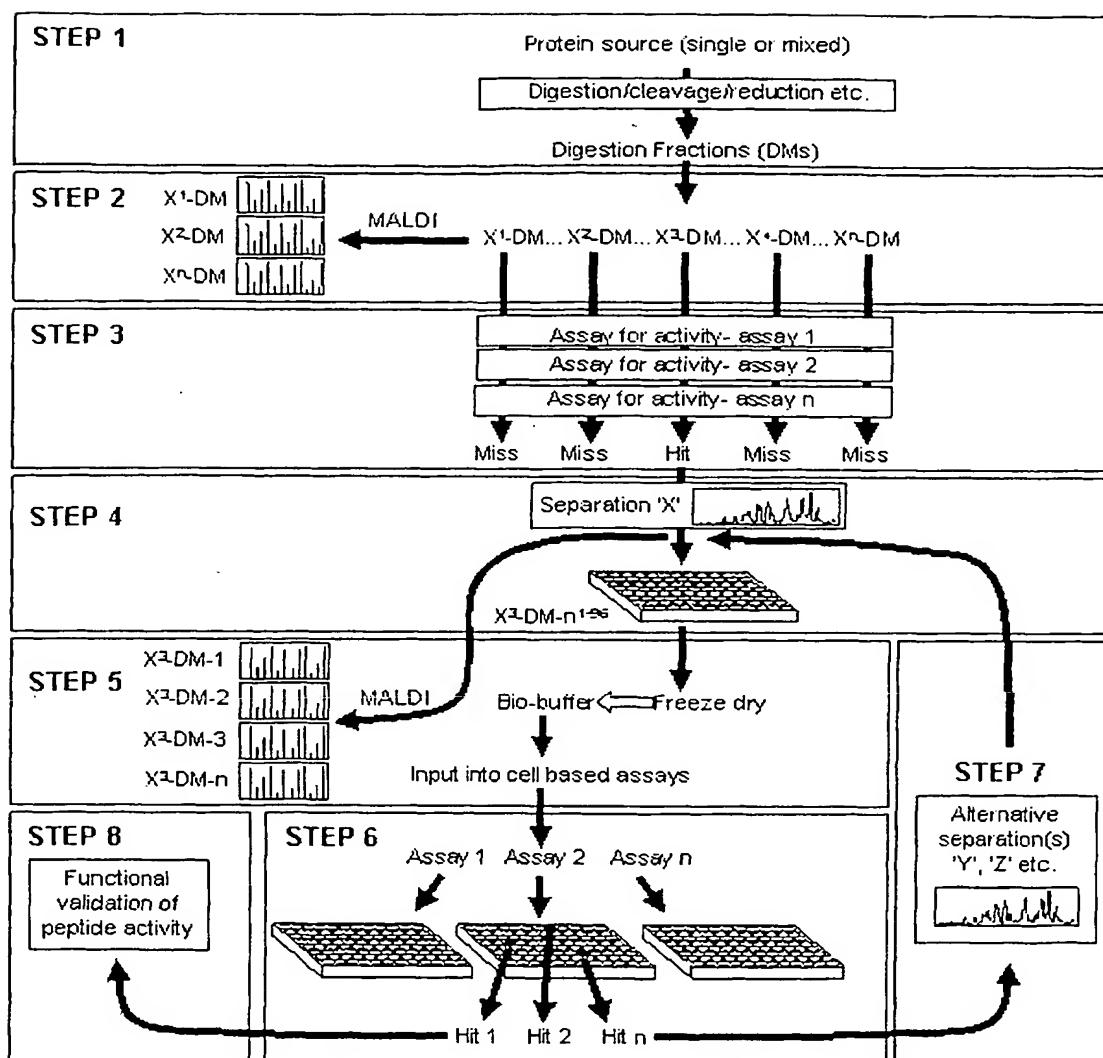


Figure 2

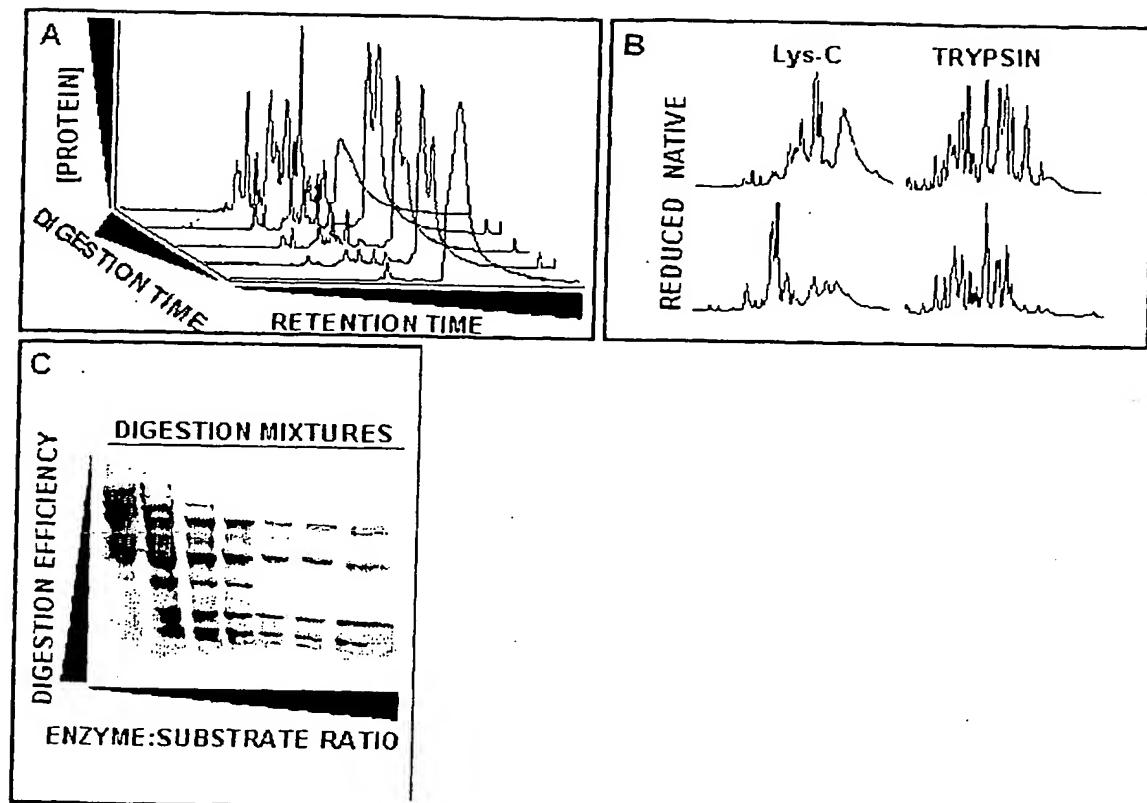


Figure 3

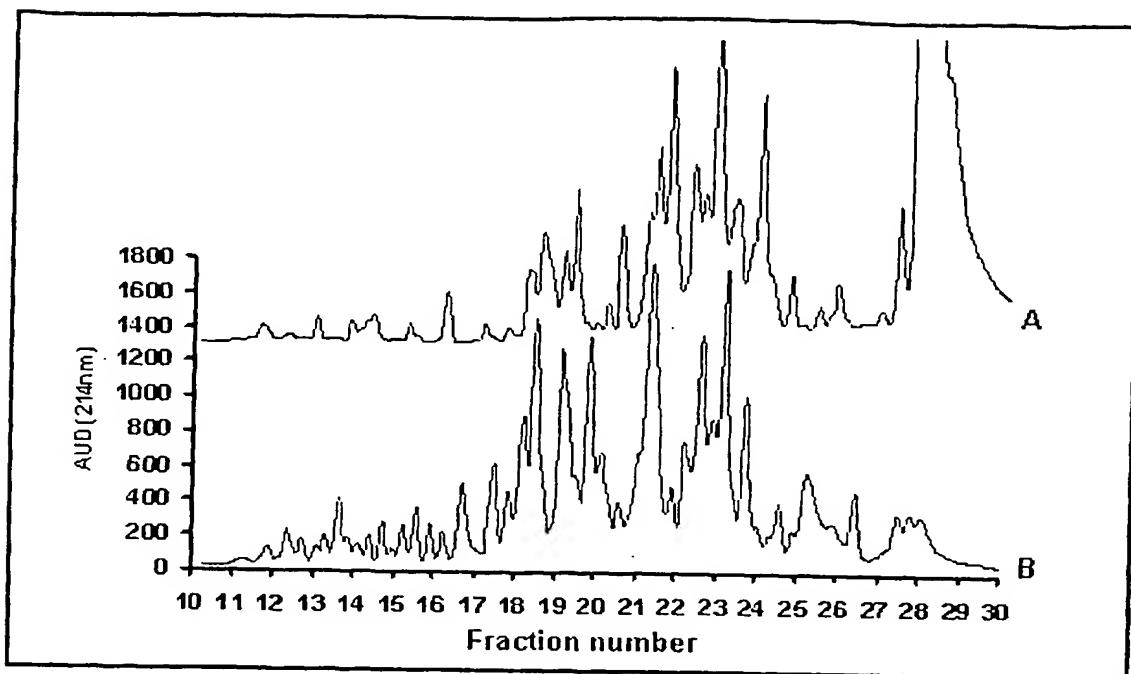
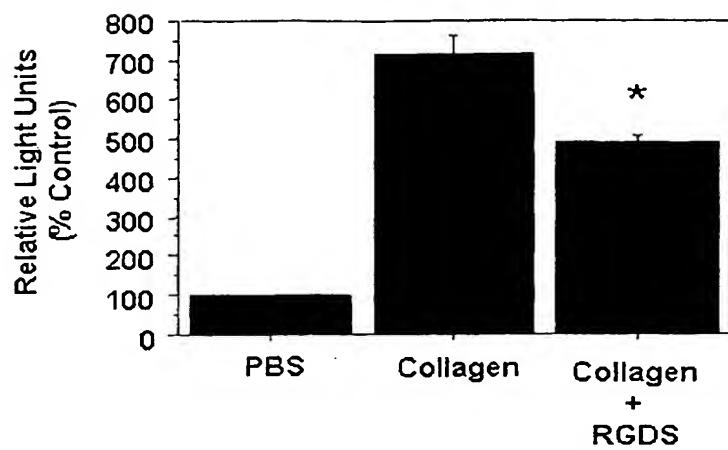


Figure 4



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Figure 5

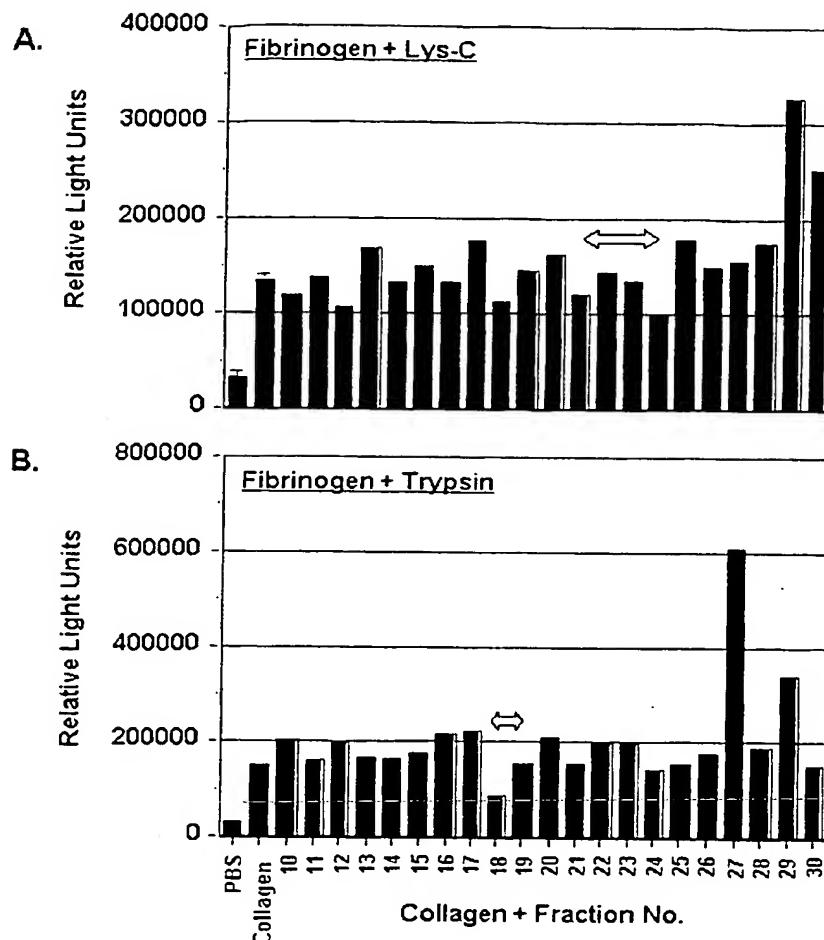


Figure 6

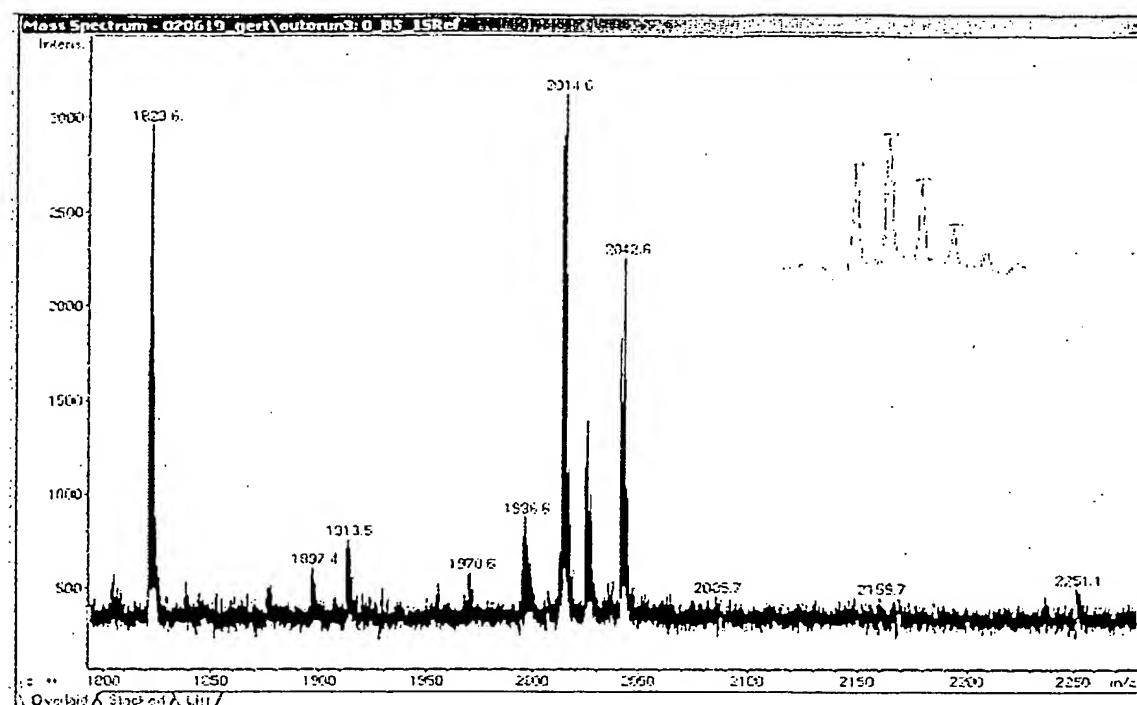
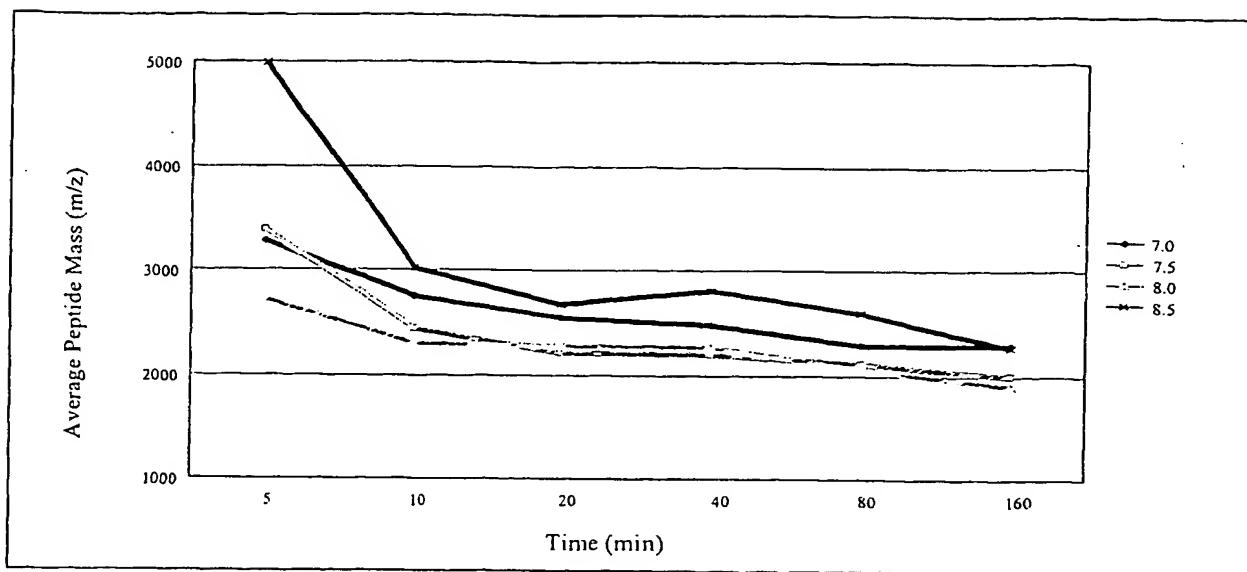


Figure 7

MAP II/B Parameters				
Matrix Solution	Matrix:1	Spreadsheet Template		
On-Target Wash	Matrix:2	<input type="button" value="Create Spotting Template"/>	<input type="button" value="Create Scouting Template"/>	Sample Preparation
On-Target Recrystallisation	Matrix:3			
Steel Probe Wash #1	Matrix:4			
Steel Probe Wash #2	Matrix:5			
Digest Scouting	A:17			
Digest Scouting Volume (uL)	5			
Pipetting Speed (uL/sec)	1			
Dried-Droplet Parameters:				
<input type="button" value="Open"/>	<input type="button" value="Close"/>	Start MAP II/B Preparation		
Back Airgap Volume (uL)	0.5	<input type="button" value="Sample"/>	<input type="button" value="Scout"/>	<input type="button" value="Transfer"/>
Matrix Volume (uL)	0.5	Sample Transfer Volume (uL) 15		
Airgap Volume (uL)	0.5			
Sample Volume (uL)	0.5	<input type="button" value="Wash"/>	<input type="button" value="On-Target Wash Volume (uL) 3"/>	<input type="button" value="Recrystallisation"/>
AnchorChip Parameters:				<input type="button" value="Recrystallisation Volume (uL) 2"/>
<input type="button" value="Open"/>	<input type="button" value="Close"/>	Sample Recrystallisation		
Sample Spotting	0.5	<input type="button" value="Sample"/>	<input type="button" value="Scout"/>	Recrystallisation Volume (uL) 1
Back Airgap Volume (uL)	0.5	Back Airgap Volume (uL) 0.5		
Matrix Volume (uL)	0.5	Wait Time Before Recrystallisation (sec) 10		
Airgap Volume (uL)	0.5			
Sample Volume (uL)	0.5			
Thinlayer Parameters:				<input type="button" value="Test"/>
<input type="button" value="Open"/>	<input type="button" value="Close"/>	Sample Washing		
Sample Spotting	0.5	<input type="button" value="Sample"/>	<input type="button" value="Scout"/>	<input type="button" value="Pause"/>
Back Airgap Volume (uL)	0.5	<input type="button" value="Stop"/>		
Thinlayer Volume (uL)	1			
Sample Volume (uL)	0.5	On-Target Wash Volume (uL) 2	On-Target Wash Cycles 1	Wait Time Before Wash (sec) 600

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Figure 8



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